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## (54) COMMODITY SALES ESTIMATION DEVICE

(57) Abstract:

PURPOSE: To provide a commodity sales estimation device which selects the input information for the estimation and can estimate the sales of commodities with a small error.

CONSTITUTION: This estimation device consists of an information collection means 2 which stores the information to which the weather, the date, the day of the week, the time, etc., are previously inputted, a data series production means 3 which processes the collected information to produce the data series effective for estimation (e.g. the data series produced by sorting the measured value into many stages based on a prescribed level and giving the data value to each sorted group or the data series where the deviation of these measured value is defined as the data value), an input information selection means 4 which applies the multiple regression analysis to all data of the means 3 and selects the information having a high degree of contribution to the estimation, and an estimation processing means 5 which estimates the sales of commodities

based on the information selected by the means 4.

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